

CHAPTER OVERVIEW

13: Acid-Base Equilibria

Acid-base chemistry can be extremely confusing, particularly when dealing with weak acids and bases. This set of lessons presents an updated view of the Brønsted-Lowry theory that makes it easy to understand answers to common questions: What's the fundamental difference between a strong acid and a weak acid? Can acid A neutralize base B? Why are some salts acidic and others alkaline? How do buffers work? What governs the shapes of titration curves?

[13.1: Introduction to Acid/Base Equilibria](#)

[13.2: Strong Monoprotic Acids and Bases](#)

[13.3: Finding the pH of weak Acids, Bases, and Salts](#)

[13.4: Conjugate Pairs and Buffers](#)

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